

WHAT IS CLAIMED IS:

1
2 1. A structure of a scanner capable of adjusting lightness of a line to
3 be scanned, comprising:

4 a chassis;

5 a light base on which a light tube is mounted, the light base being
6 mounted above the chassis; and

7 at least one adjusting device mounted between the chassis and the
8 light base for driving the light base to change a relative distance between the
9 light tube and a line to be scanned on a document to be scanned.

10 2. The structure of a scanner capable of adjusting lightness of a line
11 to be scanned in accordance with claim 1, wherein the adjusting device
12 includes two opposite electromagnetic members respectively mounted on the
13 light base and the chassis, by changing the direction of the current passing
14 through the relative electromagnetic members, the opposite electromagnetic
15 members produce an attractive force or a repellent force, such that the light
16 base is adjacent to or away from the chassis.

17 3. The structure of a scanner capable of adjusting lightness of a line
18 to be scanned in accordance with claim 1, wherein the adjusting device
19 includes two electromagnetic members co-operating with a swing arm having
20 an elastic action, wherein the electromagnetic members are respectively
21 mounted on the light base and the chassis, and the swing arm has one end
22 mounted on the chassis, and the other end mounted on the light base.

23 4. The structure of a scanner capable of adjusting lightness of a line
24 to be scanned in accordance with claim 1, wherein the adjusting device

1 includes an electromagnetic member and a magnetic material, co-operating
2 with a swing arm having an elastic action, wherein the electromagnetic
3 member and the magnetic material are respectively mounted on the light base
4 and the chassis, and the swing arm has one end mounted on the chassis, and the
5 other end mounted on the light base.

6 5. The structure of a scanner capable of adjusting lightness of a line
7 to be scanned in accordance with claim 1, wherein the adjusting device is a
8 cam.

9 6. The structure of a scanner capable of adjusting lightness of a line
10 to be scanned in accordance with claim 1, wherein the chassis and the light
11 base are respectively provided with a guide column and a guide hole, and the
12 guide column is mounted in the guide hole.

13 7. The structure of a scanner capable of adjusting lightness of a line
14 to be scanned in accordance with claim 1, wherein the chassis and the light
15 base are respectively provided with a locking hook, and the locking hooks may
16 be relatively locked with each other to limit detachment of the light base.